



TRENCH SEPTIC SYSTEM FINAL INSPECTION

Property Address: _____

Project Number: _____

Inspector Name: _____

Date of Inspection: _____

Septic Tank and Distribution Box: R18-9-A314

- Certificate of Water Tightness test completed (certificate included)
- Tank size and location match site plan or new location shown on As-built
- Tank: Mfr. _____ Size _____ gallons Material _____
- Tank is level
- Inlet & Outlet permanently marked on tank.
- Inlet/outlet openings and vertical leg at least 4" but not smaller than size of connecting sewer
 - a. Extends at least 4" above & at least 12" below liquid surface
 - b. Inlet invert installed 2" above outlet invert
- Two compartments, or two tanks with 2/3:1/3 ratio
- Appropriate risers installed if the depth of cover is greater than 6 inches
- Access openings at least 20" wide
 - a. One over inlet, one over outlet
 - b. If first compartment is over 12 feet long, 3rd opening provided over baffle
- Appropriate baffle in place OR
 - No baffle for tanks in series
- Effluent filter installed and is accessible
- Pipe between septic tank and distribution box placed on natural ground or compacted fill
- Distribution box level, on stable surface, and inlet at least 1" above outlet
- Plumbing and distribution piping is appropriate size / material and connections water tight
(Minimum SDR 35 pipe is required when depth of cover over pipe exceeds 2 feet)
- Piping from tank to distribution box has positive slope (must drop)

Trenches: R18-9-E302

- Trenches are located according to site plan
(If trenches are outside a 20 foot radius from approved site plan, installation will be rejected. If trenches are within a 20 foot radius from approved site plan, indicate revised location on "As-Built")
- Trenches installed with inspection poles every 10 feet for marking total/effective trench depth

Trench Number	Length (ft/in)	Width (ft/in)	Overall Depth (ft/in)	Effective Depth(ft/in)	Separation (ft/in)
1					
2					
3					

- Minimum 2" depth of aggregate over pipe, sized between 3/4" and 2 1/2", and free of fine materials
- Disposal pipes level
- Geotextile filter material over aggregate covers entire width and length, and exposed
- Perforated disposal piping exposed every 20 feet and ends are capped and exposed
- Observation port(s) installed at each trench end, above grade and capped, and with pipe perforated in trench effective depth interval
- Proper drainage on property to minimize damage from flooding and erosion (if DSD scour specification required)
- Accurate "As-Built" site plan signed by the field inspector

Recommend Approval _____ Rejected _____ Signature _____